SYSTEM AND METHOD FOR ADAPTATION OF PEER-TO-PEER MULTIMEDIA SESSIONS

ABSTRACT

A system and method is provided that allows proxy servers to receive capability and preference information concerning user agents (502 and 510) desiring to establish a media session. The proxy server compares the capabilities of the user agents and determines whether an incompatibility exists between them. In the event that an incompatibility does exist, the proxy server may invoke the services of an adaptation server (508) to provide the necessary adaptation required to allow the media session to proceed. The adaptation system allows either the terminating or originating proxy server to make the adaptation determination to allow the adaptation server to modify the offered media session descriptions so that the media streams may be routed through the adaptation server to adapt between incompatible media parameters.